

OPERATION TREATY
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INTERNATIONAL SEARCH REPORT
(PCT Article 18 and Rules 43 and 44)

**FOR FURTHER
ACTION**

see Notification of Transmittal of International Search Report
(Form PCT/ISA/220) as well as, where applicable, item 5

International filing date (day/month/year)
05/12/2001

(Earliest) Priority Date (day/month/year)
06/12/2000

Applicant's or agent's file reference
6755.PC.01

International application No.
PCT/US 01/43179

Applicant
ABBOTT LABORATORIES

This International Search Report has been prepared by this International Searching Authority and is transmitted according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of **4** sheets.
It is also accompanied by a copy of each prior art document cited in this report.

1 Basis of the report

- a. ☒ With regard to the **language**, the international search was carried out on the basis of the language in which it was filed, unless otherwise indicated under this item.
- b. ☐ the international search was carried out on the basis of a translation of the international application in written form.
- ☒ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application as filed has been furnished.
- ☒ the international search was carried out on the basis of a translation of the international application as filed has been furnished.
- ☐ the statement that the subsequently furnished written international application as filed has been furnished.
- ☐ the statement that the information recorded in computer readable form has been furnished.

Certain claims were found unsearchable (see Box II).
Priority is lacking (see Box II).

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 01/43179

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07K16/10 C12N5/20 G01N33/577 G01N33/569 G01N33/68
C07K14/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

BIOSIS, WPI Data, PAJ, EPO-Internal, MEDLINE, EMBASE, SEQUENCE SEARCH

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 90 14358 A (AKZO NV ;BUTMAN BRYAN T (US); VENETTA THOMAS M (US)) 29 November 1990 (1990-11-29) cited in the application abstract page 4, line 3 - line 13 page 12, line 19 - line 23 page 13, line 24 - line 26 page 15, line 3 - line 13 claims 1,12-19	1-20
X	EP 0 345 461 A (ABBOTT LAB) 13 December 1989 (1989-12-13) abstract page 3, line 29 - line 40 page 3, line 7 page 15, line 40 - line 49 claims 3,7,20-22	1-20
	-/-	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

13 November 2002

Date of mailing of the international search report

05/12/2002

Name and mailing address of the ISA

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Authorized officer

Irion, A

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 197 27 943 A (BOEHRINGER MANNHEIM GMBH) 24 September 1998 (1998-09-24) page 2, line 60 - line 67 page 3, line 37 - line 41 page 4, line 49 - line 56 page 5, line 4 - line 5 page 5, line 11 - line 23 page 5, line 29 - line 32 page 8, line 17 - line 21 page 8, line 48 - line 49 page 10, line 2 - line 6 ---	1-28
X	US 5 612 453 A (WOLF HANS ET AL) 18 March 1997 (1997-03-18) column 1, line 24 - line 30 column 2, line 60 - line 62 ---	25, 26
X	NIEDRIG M ET AL: "CHARACTERIZATION OF MURINE MONOCLONAL ANTIBODIES DIRECTED AGAINST THE CORE PROTEINS OF HUMAN IMMUNODEFICIENCY VIRUS TYPES 1 AND 2" JOURNAL OF VIROLOGY, vol. 65, no. 8, 1991, pages 4529-4533, XP009000746 ISSN: 0022-538X abstract ---	1, 3, 5, 7, 8, 13, 17
X	MINASSIAN A A ET AL: "MONOCLONAL ANTIBODIES AGAINST HUMAN IMMUNODEFICIENCY VIRUS HIV TYPE 2 CORE PROTEINS CROSS-REACTIVITY WITH HIV TYPE 1 AND SIMIAN IMMUNODEFICIENCY VIRUS" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES, vol. 85, no. 18, 1988, pages 6939-6943, XP000051762 1988 ISSN: 0027-8424 abstract page 6941, right-hand column, paragraph 2; table 1 ---	1, 3, 5, 7, 8, 13, 17
A	ZOLLA-PAZNER SUSAN ET AL: "The implications of antigenic diversity for vaccine development." IMMUNOLOGY LETTERS, vol. 66, no. 1-3, March 1999 (1999-03), pages 159-164, XP002220582 ISSN: 0165-2478 page 162, right-hand column, paragraph 2 -page 163, right-hand column, paragraph 2 -----	1-28

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 01/43179

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